4489

NEW YORK FISH AND GAME JOURNAL

VOLUME 16

LIBRARY
NATIONAL MARINE FISHERIES SERVICE
HONOLULU LABORATORY
P. O. BOX 3830
HONOLULU, HAWAII 96812

1969

STATE OF NEW YORK

Nelson A. Rockefeller, *Governor*

Conservation Department

R. Stewart Kilborne, *Commissioner*

W. Mason Lawrence, *Deputy Commissioner*

Robert E. Young, *Deputy Commissioner*

Leighton A. Hope, *Deputy Commissioner*

Irwin H. King, *Secretary*

Division of Fish and Game

Albert G. Hall, *Director*

Robert W. Darrow, *Editor*

CONTENTS OF VOLUME 16

NUMBER 1 — JANUARY

THE 1967 DEER SEASON IN THE MOOSE RIVER RECREATION AREA
Nathaniel R. Dickinson and C. W. Severinghaus 1

MINIMUM DEER POPULATIONS ON THE MOOSE RIVER RECREATION AREA
C. W. Severinghaus 19

THE ECOLOGICAL DECLINE OF LAKE ERIE ..... *Dean E. Arnold* 27

WILD TURKEY STUDIES IN NEW YORK BY RADIO-TELEMETRY ..... *John C. Proud* 46

AGE AND GROWTH OF SCUP IN THE WATERS OF EASTERN LONG ISLAND
Samuel L. Finkelstein 84

EFFECT OF TYPE OF ROAD ON SUMMER ROADSIDE COUNTS OF COTTONTAILS
Philip U. Alkon 111

SEASONAL OCCURRENCE OF MACROINVERTEBRATES IN A GREEN-TREE RESERVOIR
John M. Krull 119

GENERAL NOTES — Oxygen Requirements of the Walleye, *James G. Hoff and Mark Chittendon;* Unusual Site for a Wood Duck Nest, *Michael S. Hall;* An Occurrence of Wire in a Whitetailed Deer's Liver, *George F. Mattfeld and Walter Buckley.* 125

NUMBER 2 — JULY

ESTIMATED AREA OF DEER HABITAT IN NEW YORK STATE
C. W. Severinghaus and Peggy R. Sauer 129

AGE AND GROWTH OF MALE WALLEYES IN SPAWNING RUNS FROM BLACK LAKE, NEW YORK ..... *Gerard C. LeTendre and Clifford P. Schneider* 136

HERBACEOUS FOOD PREFERENCES OF WHITE-TAILED DEER
Peggy R. Sauer, John E. Tanck and C. W. Severinghaus 145

CHEMICAL PROPERTIES, PHYSICAL PROPERTIES AND PLANT GROWTH IN TWENTY ARTIFICIAL WILDLIFE MARSHES ..... *D. J. Lathwell, H. F. Mulligan and D. R. Bouldin* 158

DISTRIBUTION OF LARVAL WALLEYES AND YELLOW PERCH IN A BAY OF ONEIDA LAKE AND ITS RELATION TO WATER CURRENTS AND ZOOPLANKTON . *Edward D. Houde* 184

MOVEMENT OF TAGGED BLACK BEARS IN THE ADIRONDACKS
Peggy R. Sauer, Stuart L. Free and Stephen D. Browne 205

AGE AT MATURITY OF SCUP FROM NEW YORK WATERS .... *Samuel L. Finkelstein* 224

THE SPORT FISHERIES FOR TAUTOG IN THE INSHORE WATERS OF EASTERN LONG ISLAND ..... *Philip T. Briggs* 238

LACTIC ACID LEVELS IN ADULT LAKE TROUT IN CAYUGA LAKE, NEW YORK
David M. Green, Jr. and James A. Reckahn 255

GENERAL NOTES — A Length-weight Relationship for Tautog from the Inshore Waters of Eastern Long Island, *Philip T. Briggs;* National Fast Turquoise KS Liquid as a Long Term Dye Mark, *Howard A. Loeb and William H. Kelly;* Twin Fawns Born Two Days Apart, *William T. Hesselton and Emerson Van Dyke* 258